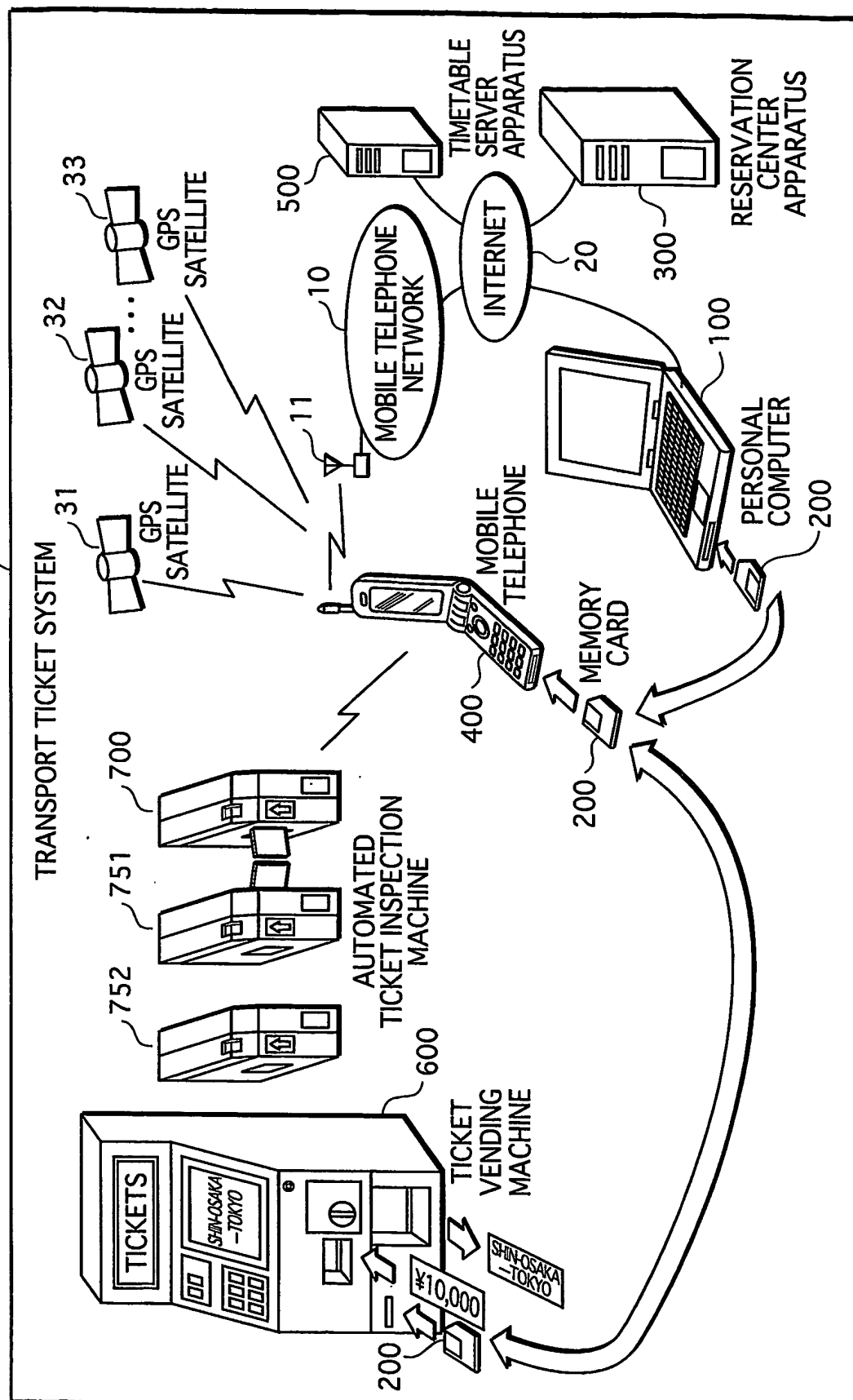


FIG. 1



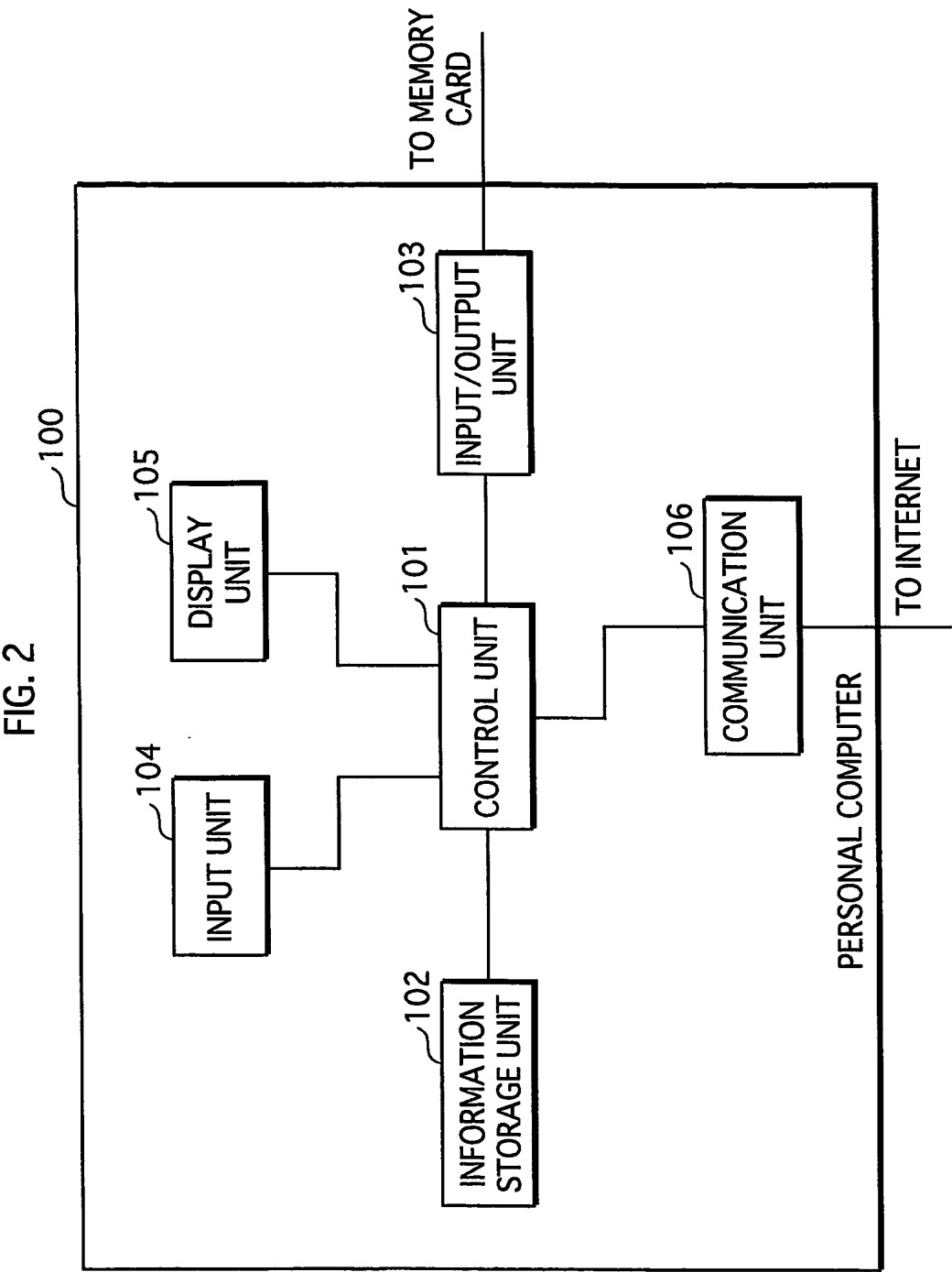
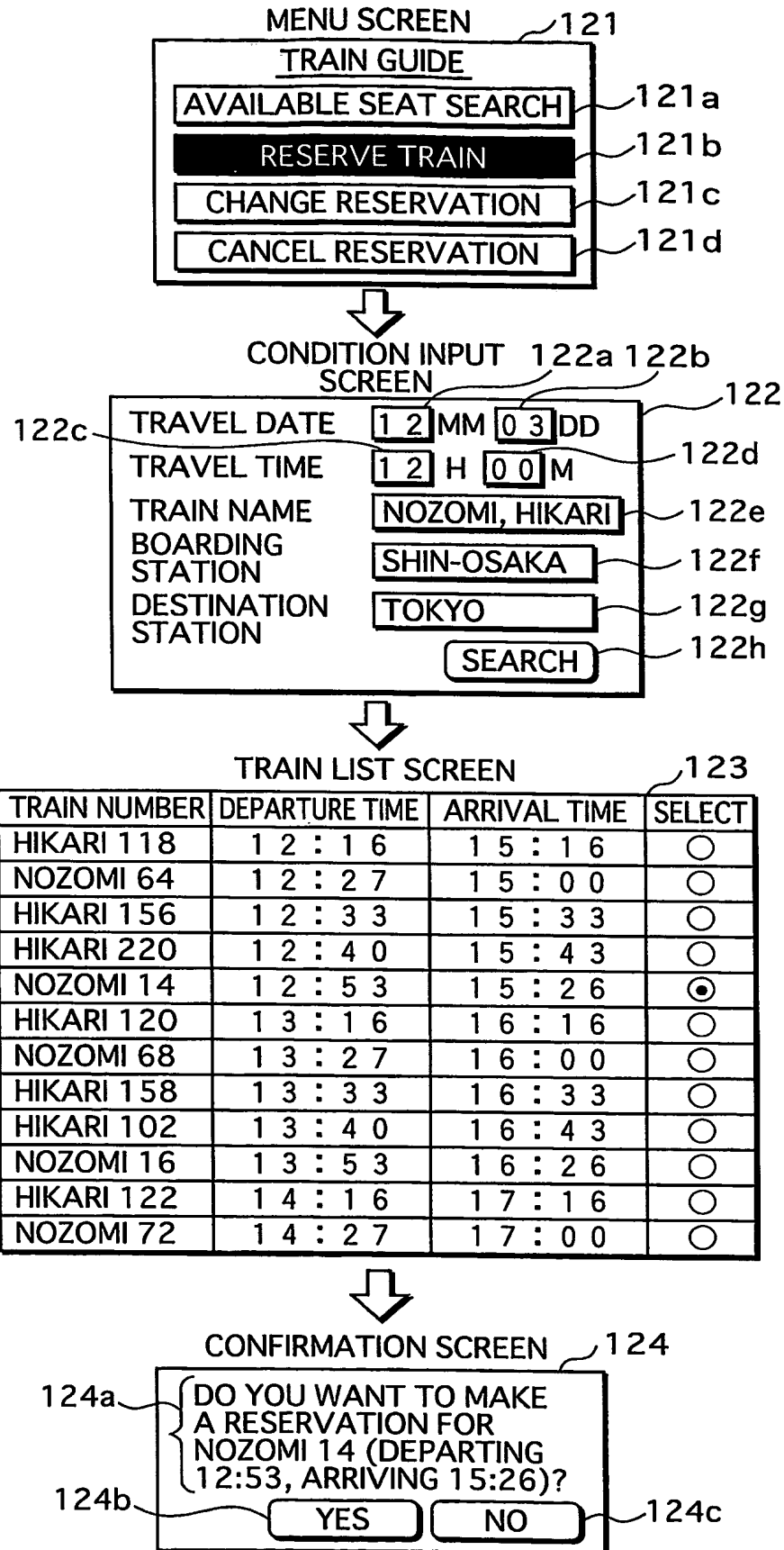


FIG.3



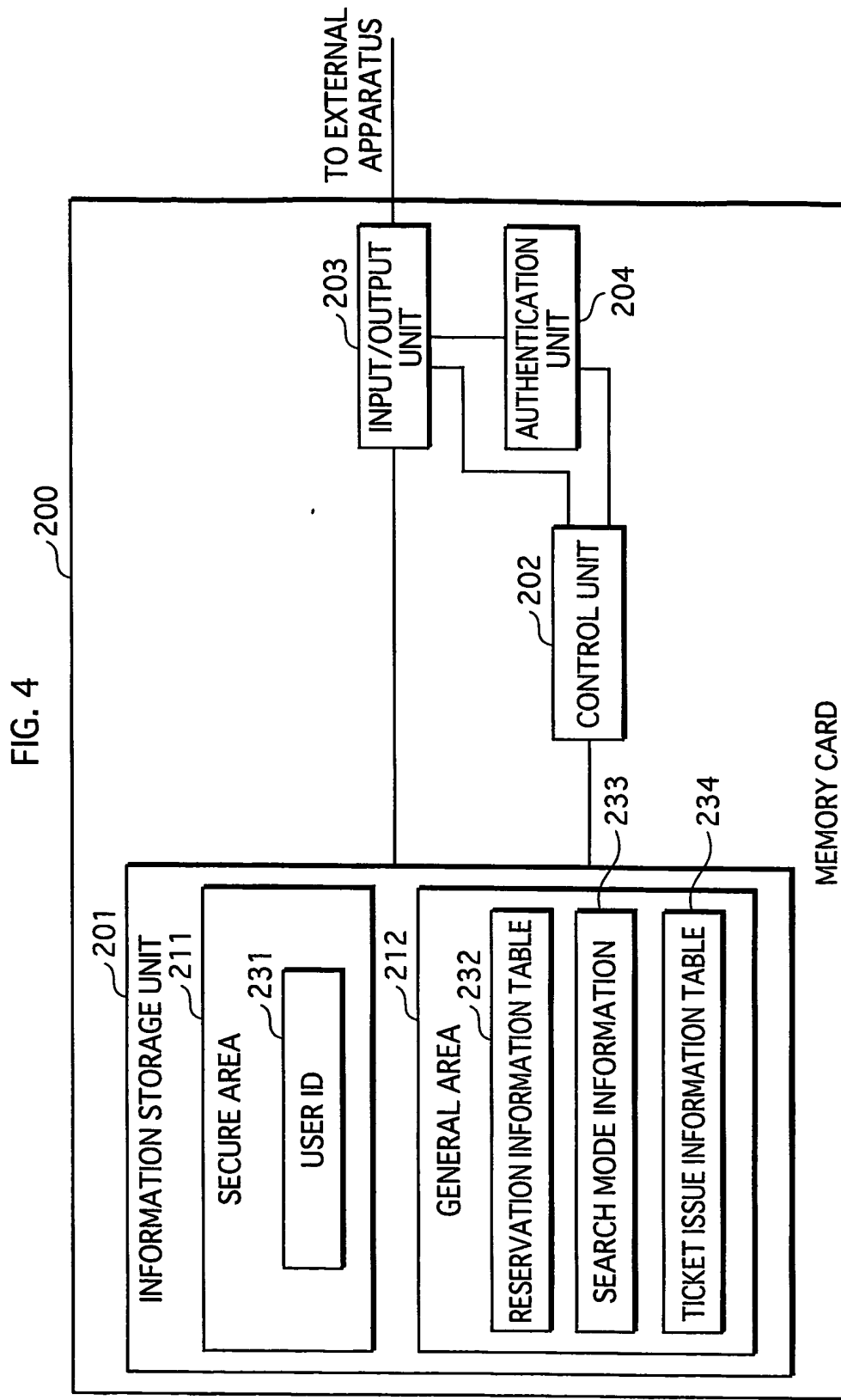


FIG. 5

RESERVATION INFORMATION TABLE

232

RESERVATION INFORMATION									RESERVATION SIGNATURE DATA	PROCESSING COMPLETION SEGMENT
RESER- VATION NO.	RESER- VATION DATE	TRAVEL DATE	TRAIN NO.	BOARD- ING STATION	DESTI- NATION STATION	DEPAR- TURE TIME	ARRIVAL TIME	SEAT NO.		
03256	20041115	20041203	NOZOMI 14	SHIN- OSAKA	TOKYO	12:53	15:26	06-08A	156fe32...	UNPRO- CESSED
03257	20041115	20041204	NOZOMI 35	TOKYO	SHIN- OSAKA	17:45	19:45	05-12C	4ab5267...	UNPRO- CESSED
.
.

FIG. 6

234 ↙

TICKET ISSUE INFORMATION TABLE

TICKET ISSUE INFORMATION						
TICKET NO.	TRAVEL DATE	TRAIN NO.	BOARDING STATION	DESTINATION STATION	DEPARTURE TIME	ARRIVAL TIME
045279	20041203	NOZOMI 14	SHIN- OSAKA	TOKYO	12:53	15:26

TICKET ISSUE INFORMATION						TICKET ISSUE SIGNATURE DATA
FARE	EXPRESS SURCHARGE	SEAT NO.	PAYMENT METHOD	PROCESSING SEGMENT	ENTRY TIME	EXIT TIME
9,000	8,000	06-08A	CASH	UNPROCESSED	—	—
						abc129f

FIG. 7

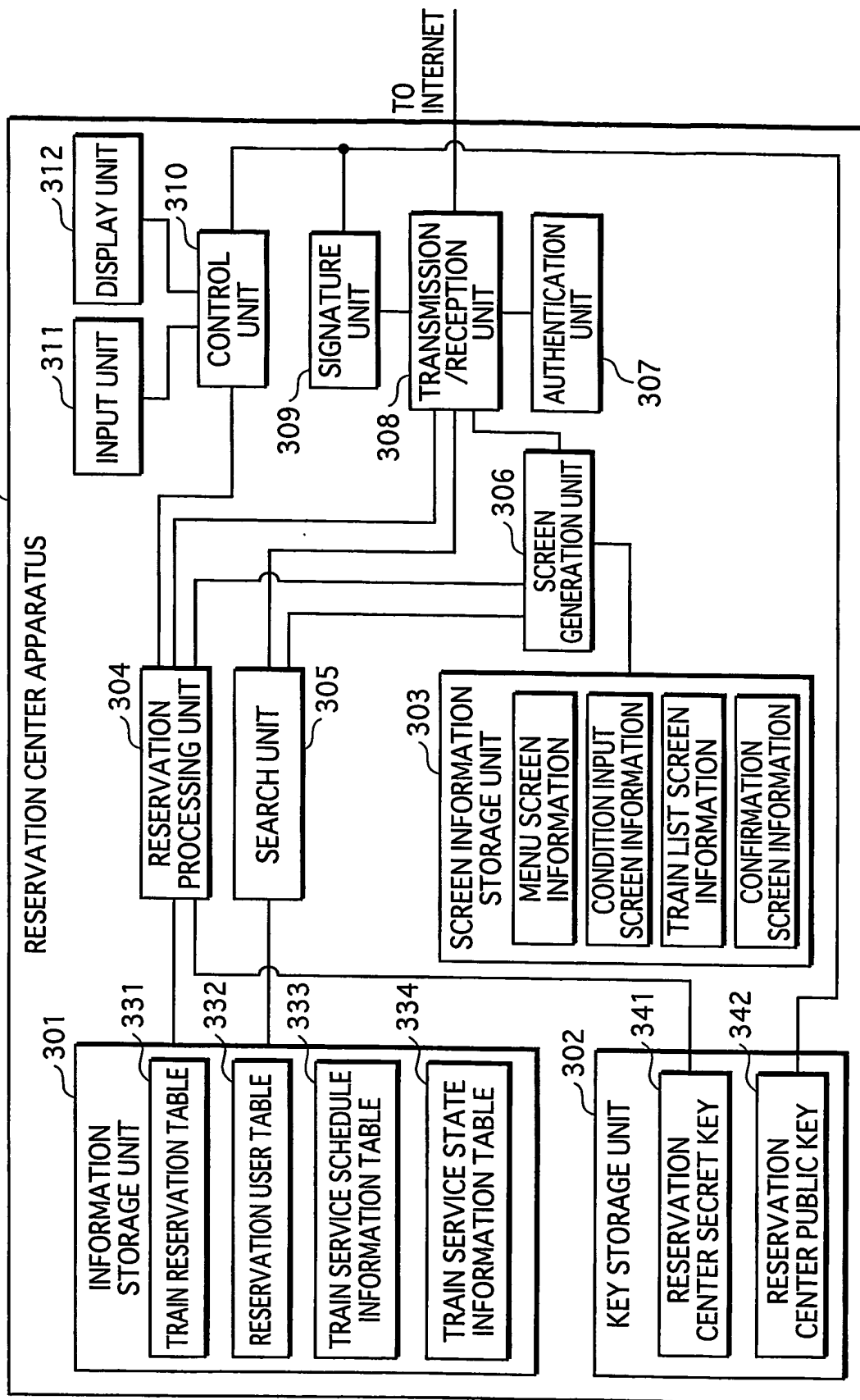


FIG. 8
 TRAIN RESERVATION TABLE 331

TRAIN RESERVATION INFORMATION					
TRAVEL DATE	TRAIN NO.	SEAT RESERVATION INFORMATION			
		SEAT NO.	SECTION INFORMATION (SHIN-OSAKA-KYOTO)	SECTION INFORMATION (KYOTO-NAGOYA)	SECTION INFORMATION (NAGOYA-TOKYO)
20041203	NOZOMI 14	01-01A	03152	03152	03152
		01-01B	03153	03153	AVAILABLE
		⋮	⋮	⋮	⋮
		16-24E	AVAILABLE	AVAILABLE	AVAILABLE
		01-01A	03256	03458	AVAILABLE
20041203	NOZOMI 15	01-01B	AVAILABLE	AVAILABLE	AVAILABLE
		⋮	⋮	⋮	⋮
		16-24E	AVAILABLE	AVAILABLE	AVAILABLE
		⋮	⋮	⋮	⋮
		⋮	⋮	⋮	⋮

FIG. 9

RESERVATION USER TABLE

332

RESERVATION USER INFORMATION									
USER ID	RESERVA- TION NO.	RESERVA- TION DATE	TRAVEL DATE	TRAIN NO.	BOARDING STATION	DESTINATION STATION	DEPARTURE TIME	ARRIVAL TIME	SEAT NO.
003051	03256	20041115	20041203	NOZOMI 14	SHIN- OSAKA	TOKYO	12:53	15:26	06-08A
003051	03257	20041115	20041204	NOZOMI 35	TOKYO	SHIN- OSAKA	17:45	19:45	05-12C
590231	04521	20041121	20041206	HIKARI 12	KYOTO	TOKYO	12:50	15:10	07-01A
.
.
.

FIG. 10

TRAIN SERVICE SCHEDULE INFORMATION TABLE 333

TRAIN SERVICE SCHEDULE INFORMATION				
TRAIN NO.	DEPARTURE TIME (SHIN-OSAKA)	DEPARTURE TIME (KYOTO)	DEPARTURE TIME (NAGOYA)	ARRIVAL TIME (TOKYO)
NOZOMI 14	12:53	13:05	14:53	15:26
⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮
NOZOMI 35	19:45	19:30	18:45	17:45
⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮

FIG. 11

TRAIN SERVICE STATE INFORMATION TABLE 334

TRAIN SERVICE STATE INFORMATION				
SERVICE DATE	TRAIN NO.	SERVICE STATE	DELAY TIME	CAUSE
20041203	NOZOMI 14	DELAYED	30 MIN	TYPHOON
20041203	NOZOMI 15	NORMAL SERVICE	—	—
20041203	NOZOMI 16	CANCELLED	—	EARTHQUAKE
20041203	NOZOMI 17	DELAYED	UNKNOWN	ACCIDENT
20041203	NOZOMI 18	NORMAL SERVICE	—	—
20041203	NOZOMI 19	DELAYED	AT LEAST TWO HOURS	UNKNOWN
.
.
.

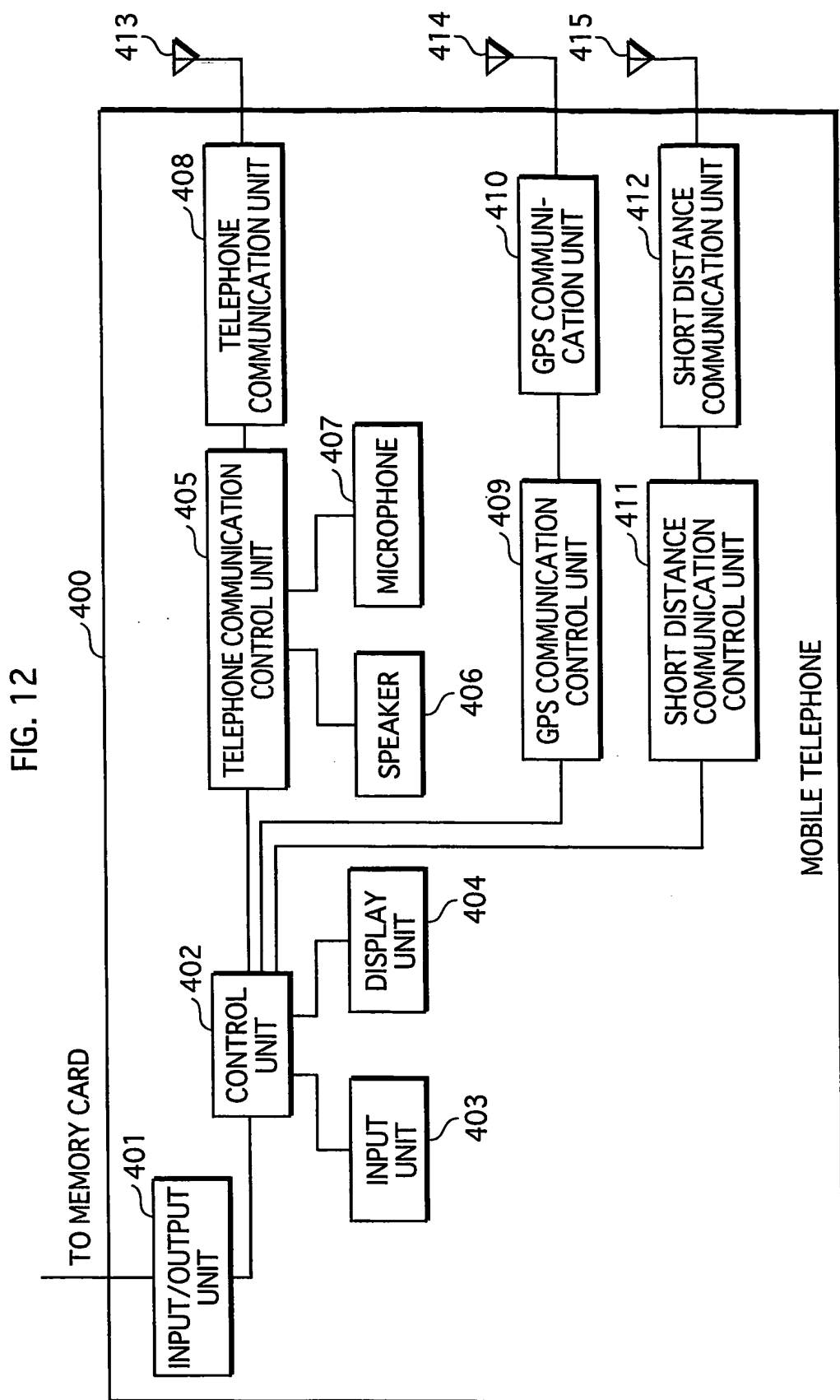
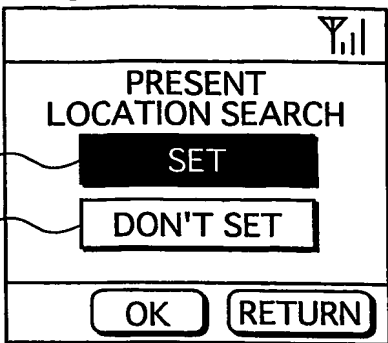
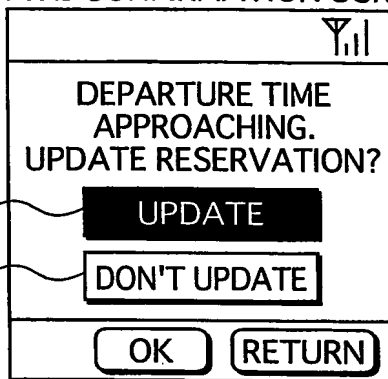


FIG. 13
SETTING SCREEN



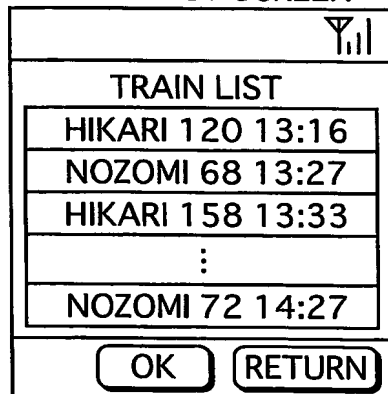
Setting Screen interface showing a signal strength indicator (Y.I.I.) in the top right corner. The main text reads "PRESENT LOCATION SEARCH". Below this, there are two buttons: "SET" (labeled 431a) and "DON'T SET" (labeled 431b). At the bottom, there are "OK" and "RETURN" buttons. The entire screen is labeled 431.

UPDATE CONFIRMATION SCREEN



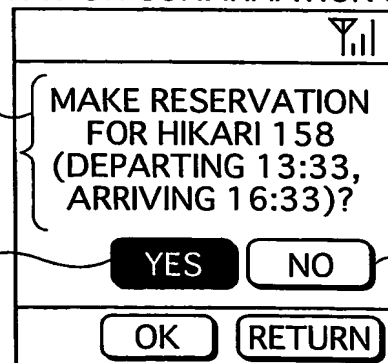
Update Confirmation Screen interface showing a signal strength indicator (Y.I.I.) in the top right corner. The main text reads "DEPARTURE TIME APPROACHING. UPDATE RESERVATION?". Below this, there are two buttons: "UPDATE" (labeled 432a) and "DON'T UPDATE" (labeled 432b). At the bottom, there are "OK" and "RETURN" buttons. The entire screen is labeled 432.

TRAIN LIST SCREEN



Train List Screen interface showing a signal strength indicator (Y.I.I.) in the top right corner. The main text reads "TRAIN LIST". Below this, there is a list of train entries: "HIKARI 120 13:16", "NOZOMI 68 13:27", "HIKARI 158 13:33", a vertical ellipsis, and "NOZOMI 72 14:27". At the bottom, there are "OK" and "RETURN" buttons. The entire screen is labeled 433.

RESERVATION CONFIRMATION SCREEN



Reservation Confirmation Screen interface showing a signal strength indicator (Y.I.I.) in the top right corner. The main text reads "MAKE RESERVATION FOR HIKARI 158 (DEPARTING 13:33, ARRIVING 16:33)?". Below this, there are two buttons: "YES" (labeled 434b) and "NO" (labeled 434c). At the bottom, there are "OK" and "RETURN" buttons. The entire screen is labeled 434.

FIG.14

RESERVATION CHANGE SCREEN

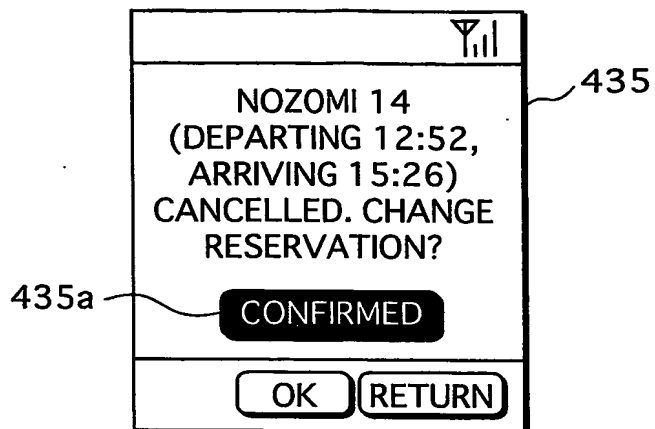
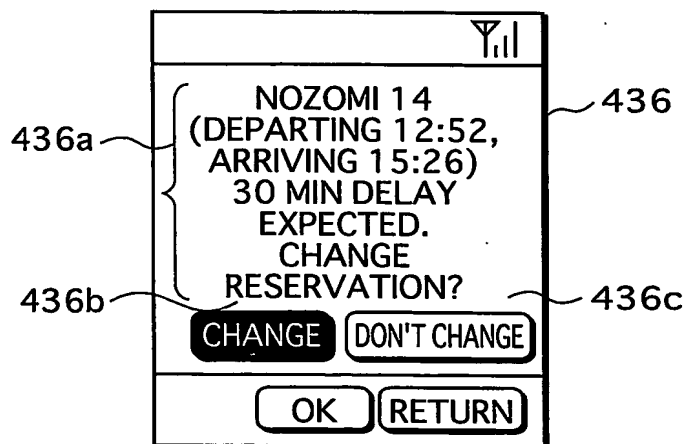
RESERVATION CHANGE
CONFIRMATION SCREEN

FIG. 15

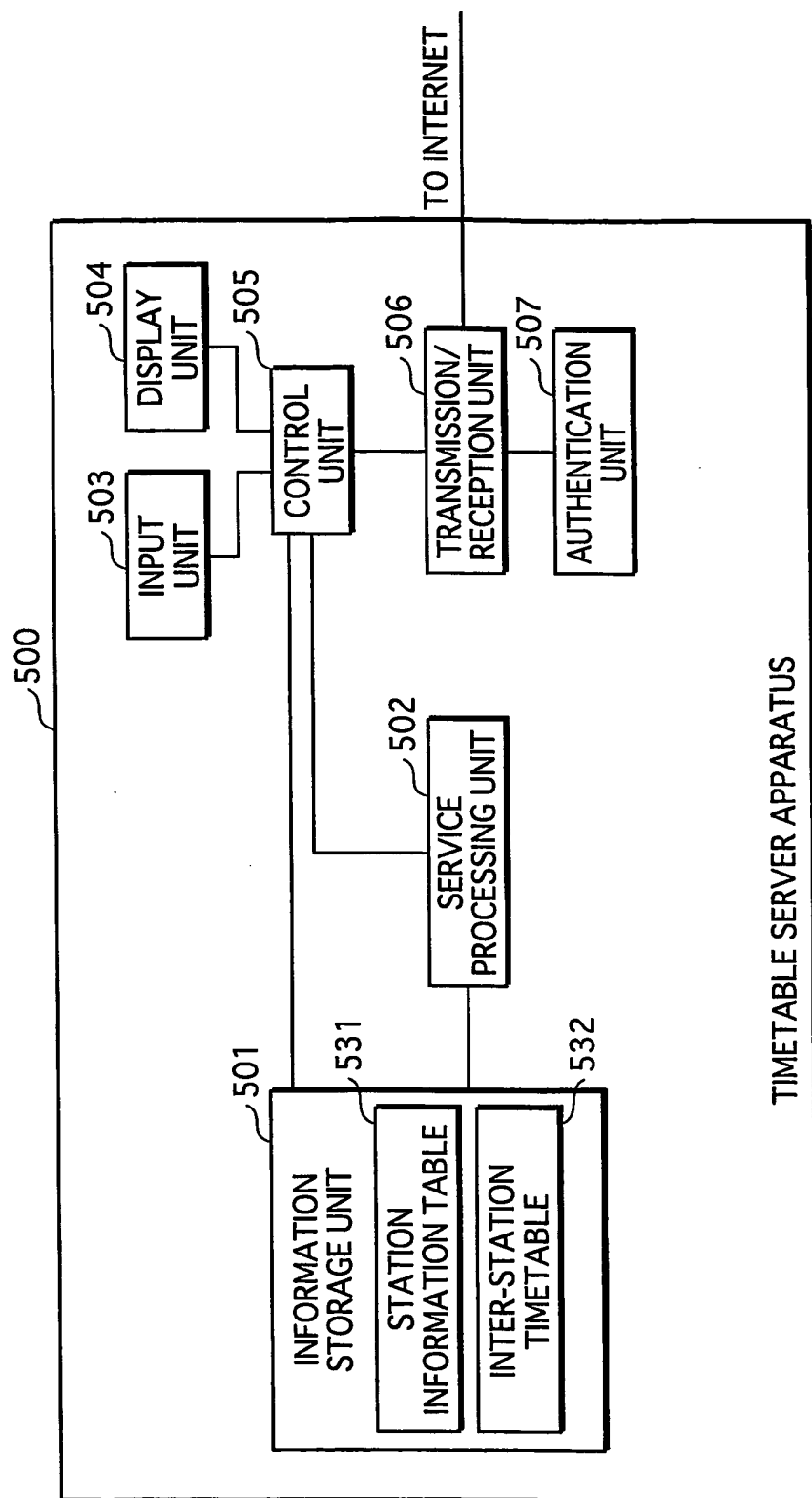


FIG. 16

STATION INFORMATION TABLE 531

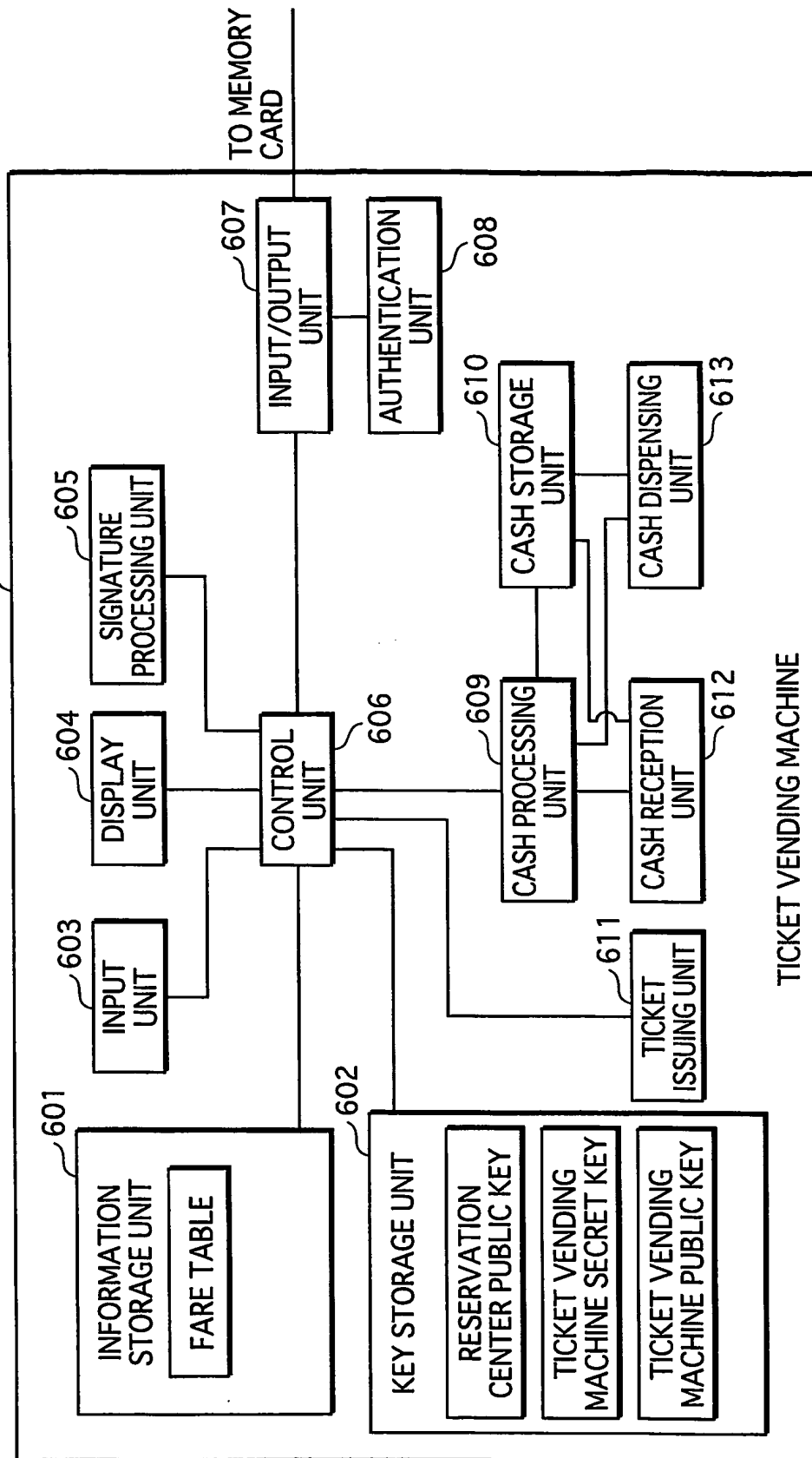
STATION INFORMATION				
STATION CODE	STATION NAME	ADDRESS	LOCATION INFORMATION	
			LONGITUDE	LATITUDE
0123	TOKYO	XXXX, TOKYO	139° 42"15'E	35° 41"16'N
0235	SHIN-OSAKA	XXXX, OSAKA	135° 30"50'E	34° 40"32'N
.
.
.

FIG. 17

532

INTER-STATION TIMETABLE							
	TOKYO	YURAKUCHO	SHINBASHI	HAMAMATSU-CHO	TAMACHI	SHINAGAWA	...
TOKYO		1 MIN	2 MIN	3 MIN	4 MIN	5 MIN	...
YURAKUCHO	—		1 MIN	2 MIN	3 MIN	4 MIN	...
SHINBASHI	—	—		1 MIN	3 MIN	4 MIN	...
HAMAMATSU-CHO	—	—	—		1 MIN	2 MIN	...
TAMACHI	—	—	—	—		1 MIN	...
SHINAGAWA	—	—	—	—	—		...
...	

FIG. 18



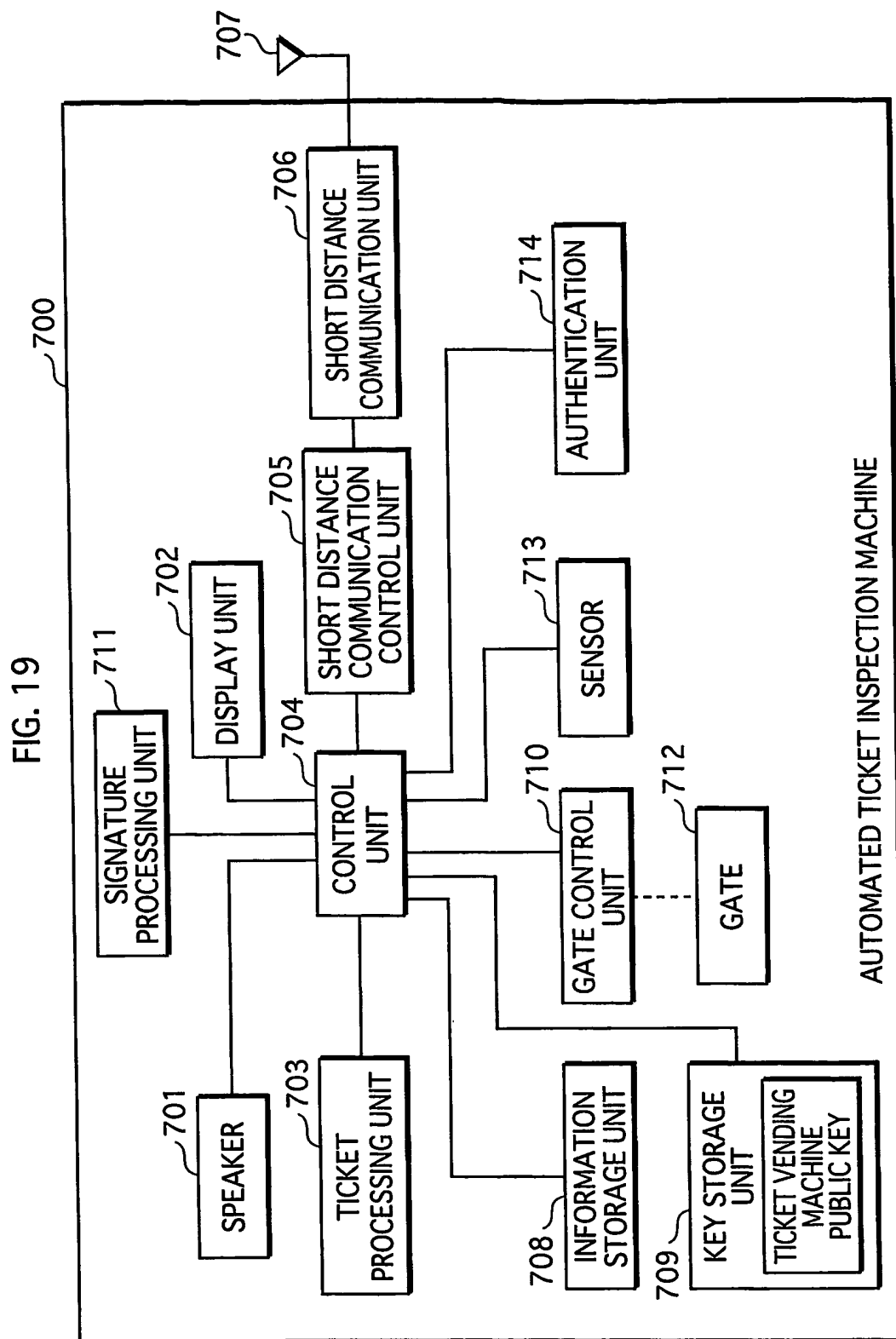


FIG.20

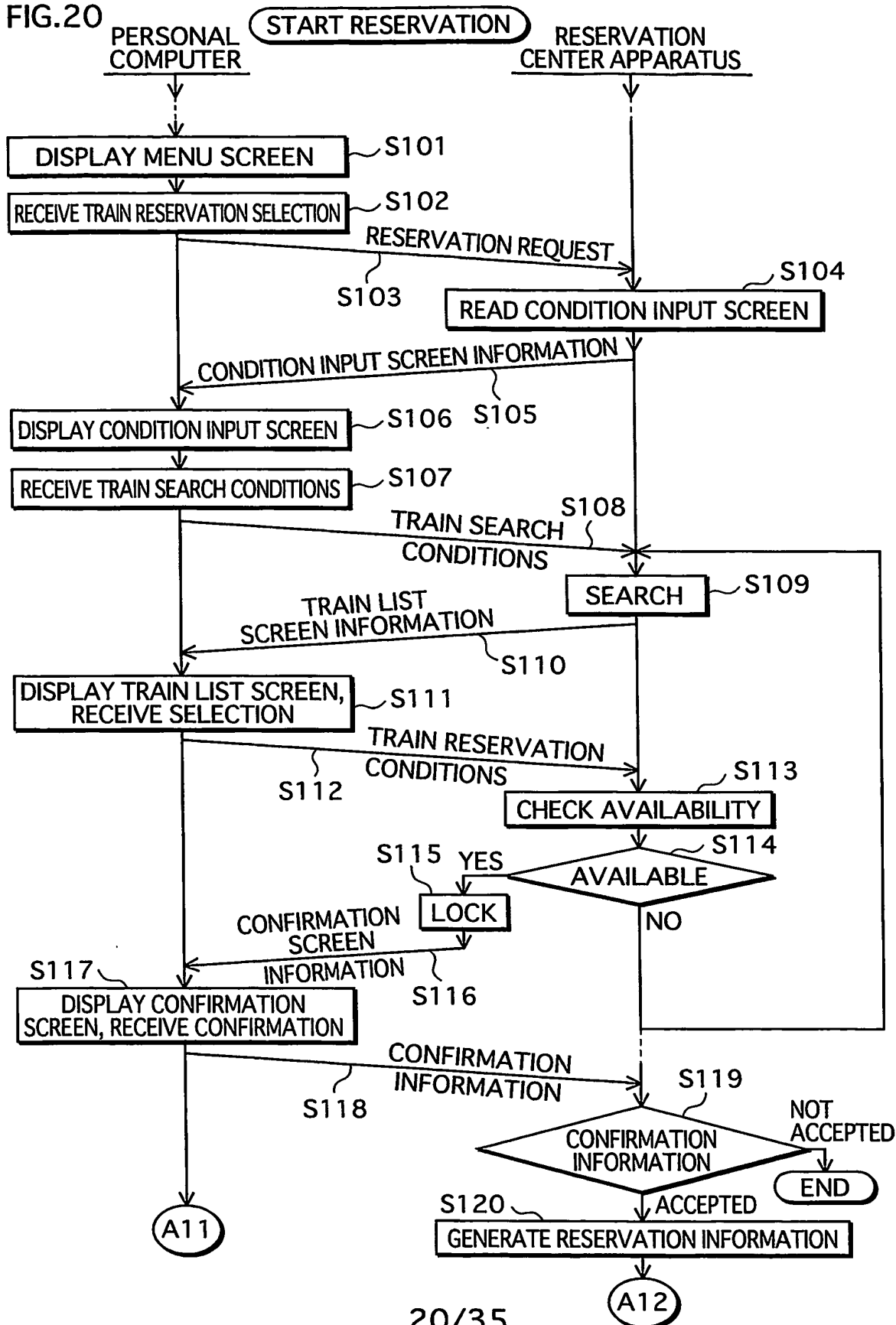


FIG.21

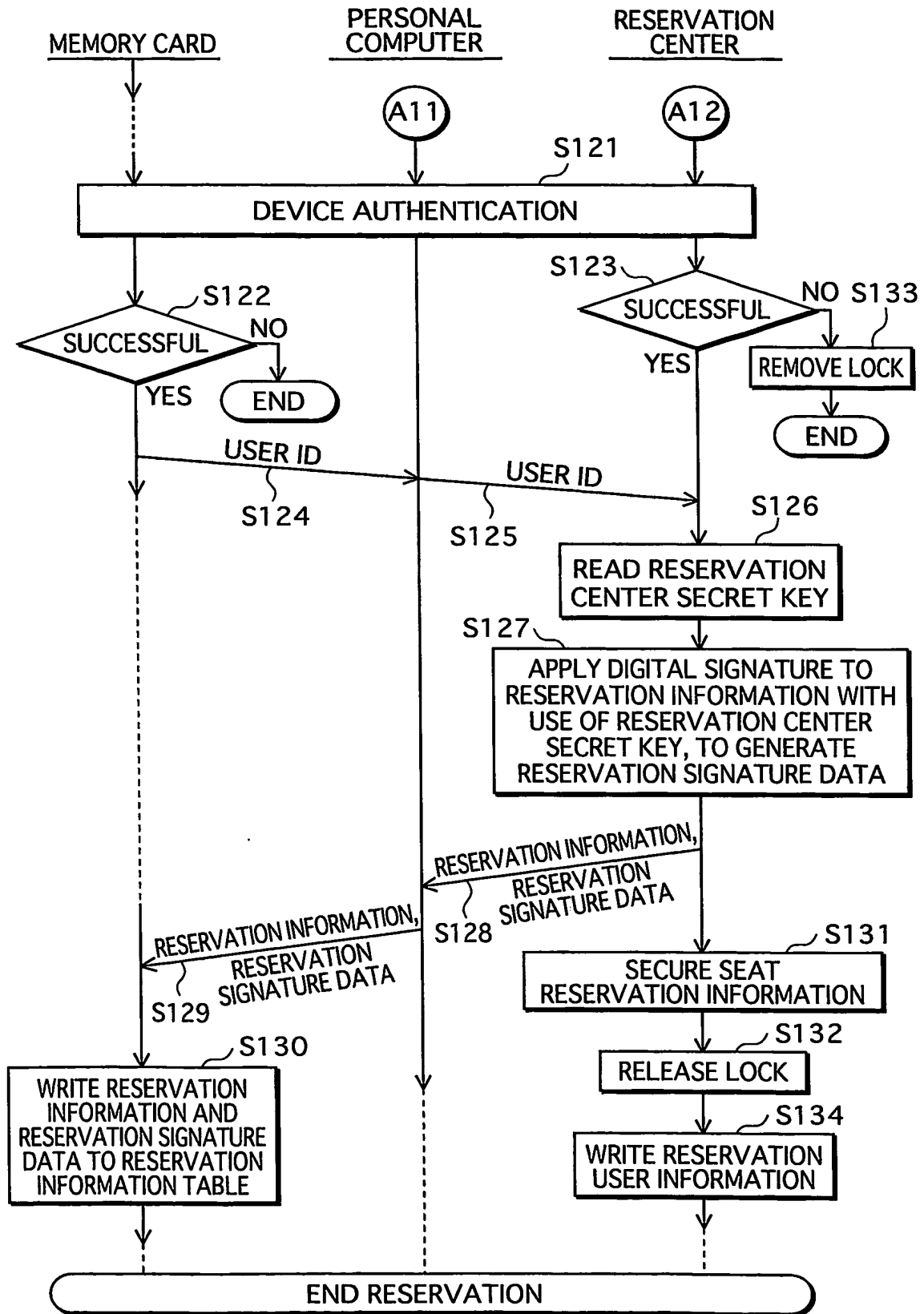


FIG. 22

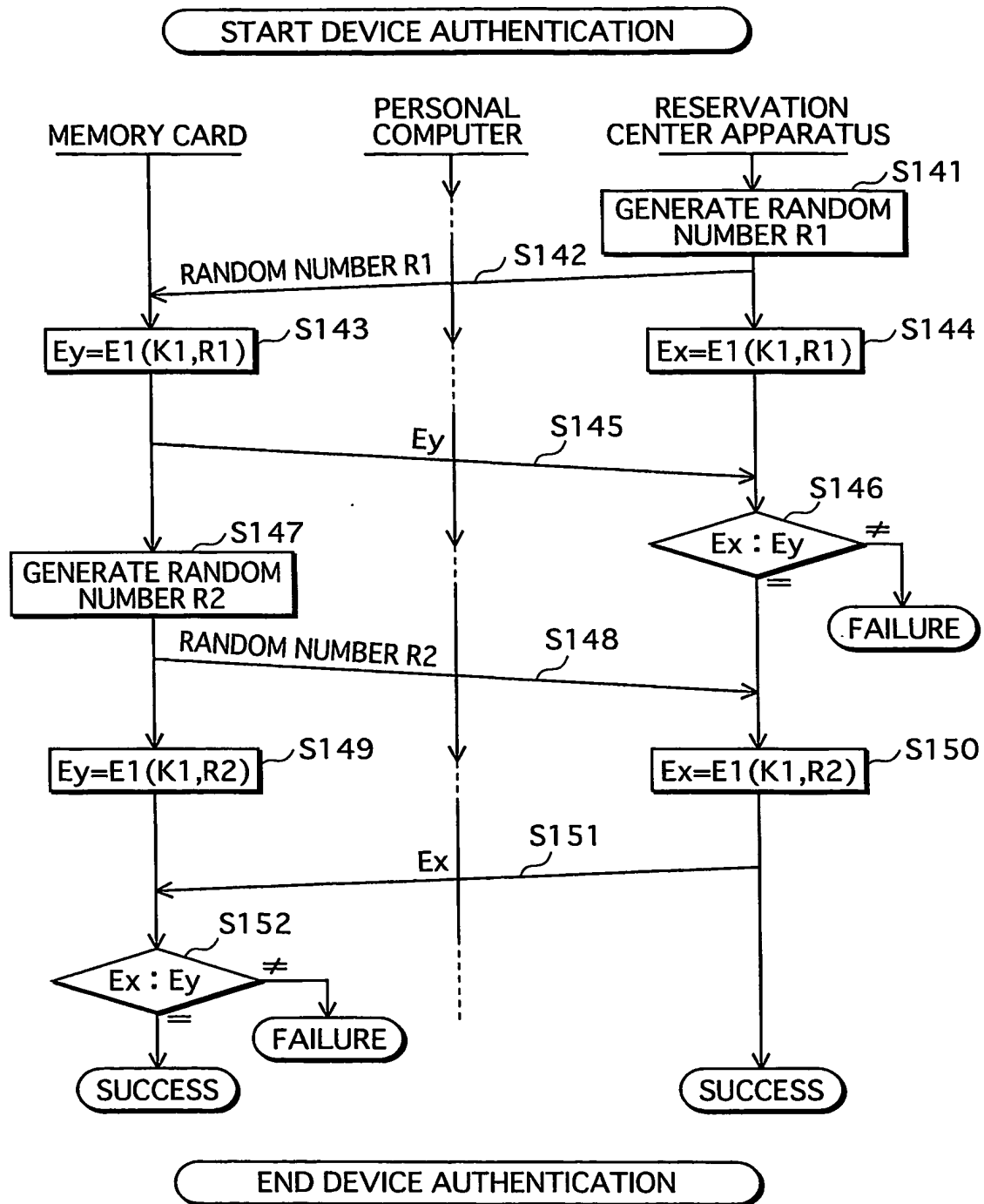


FIG.23

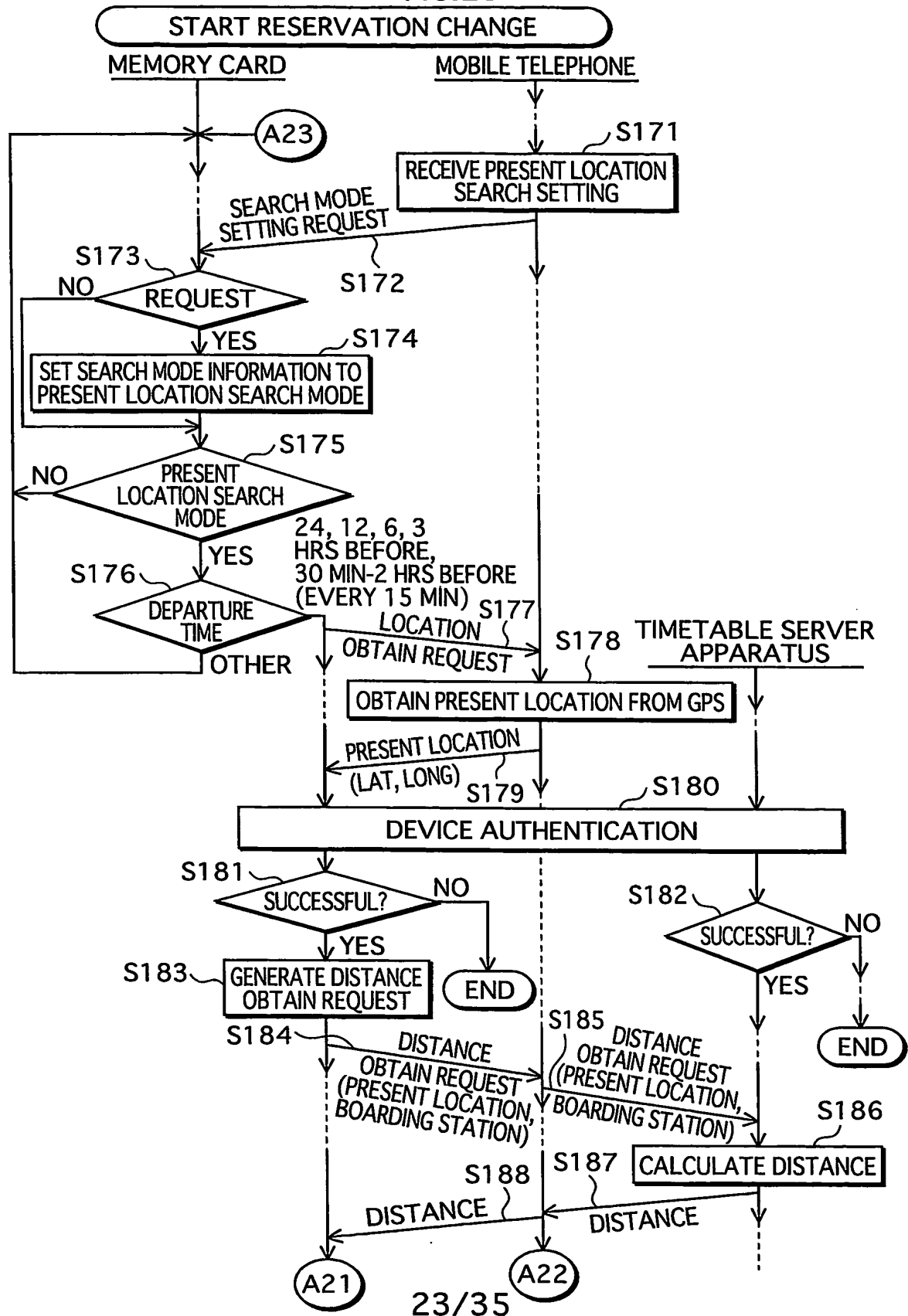


FIG. 24

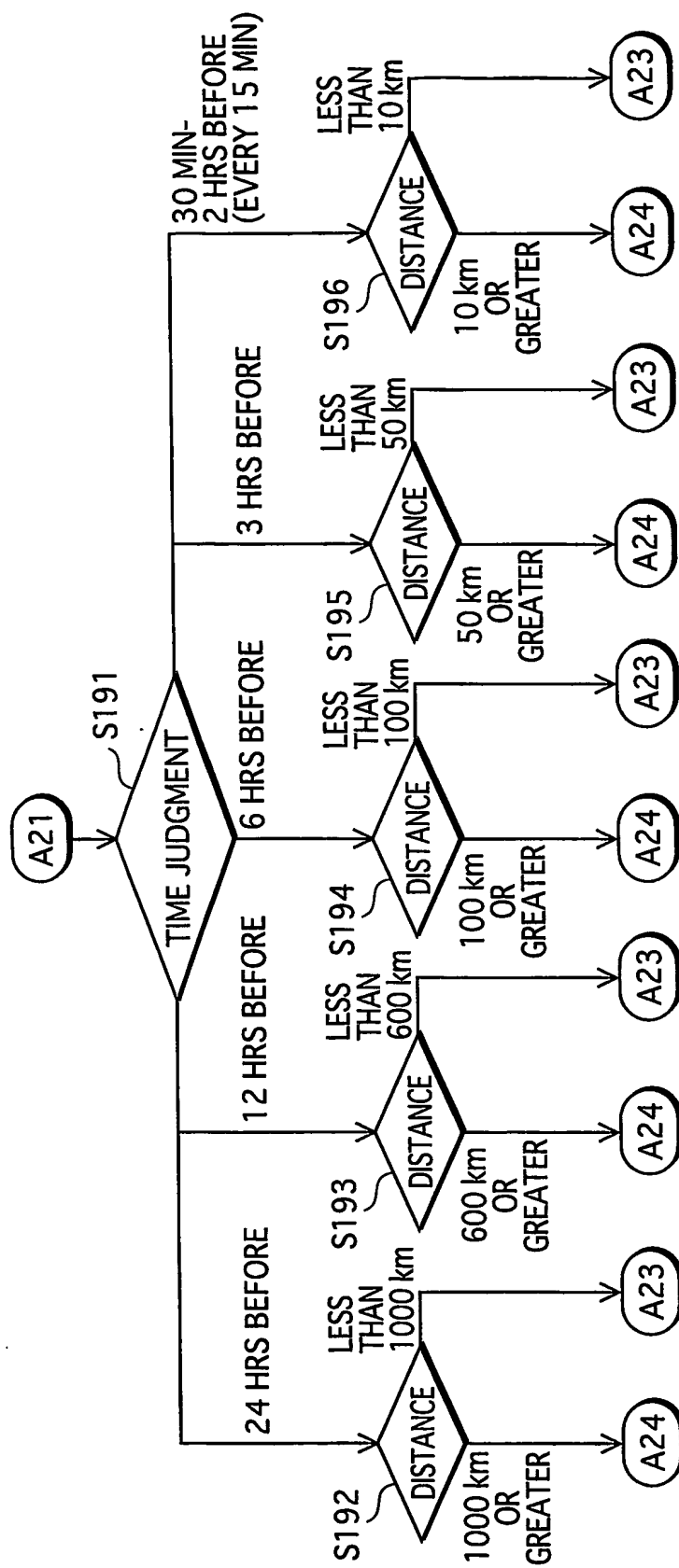


FIG.25

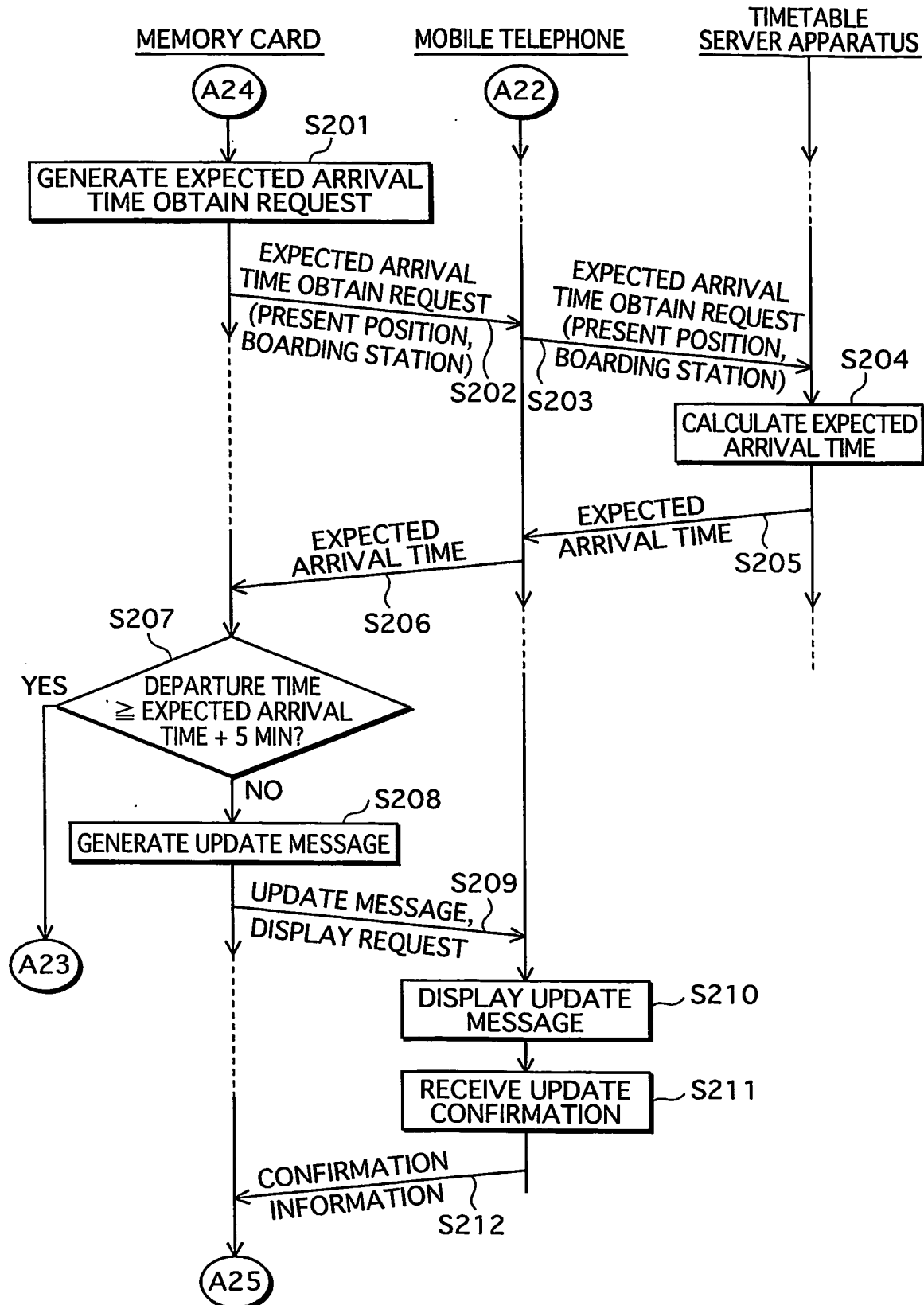


FIG.26

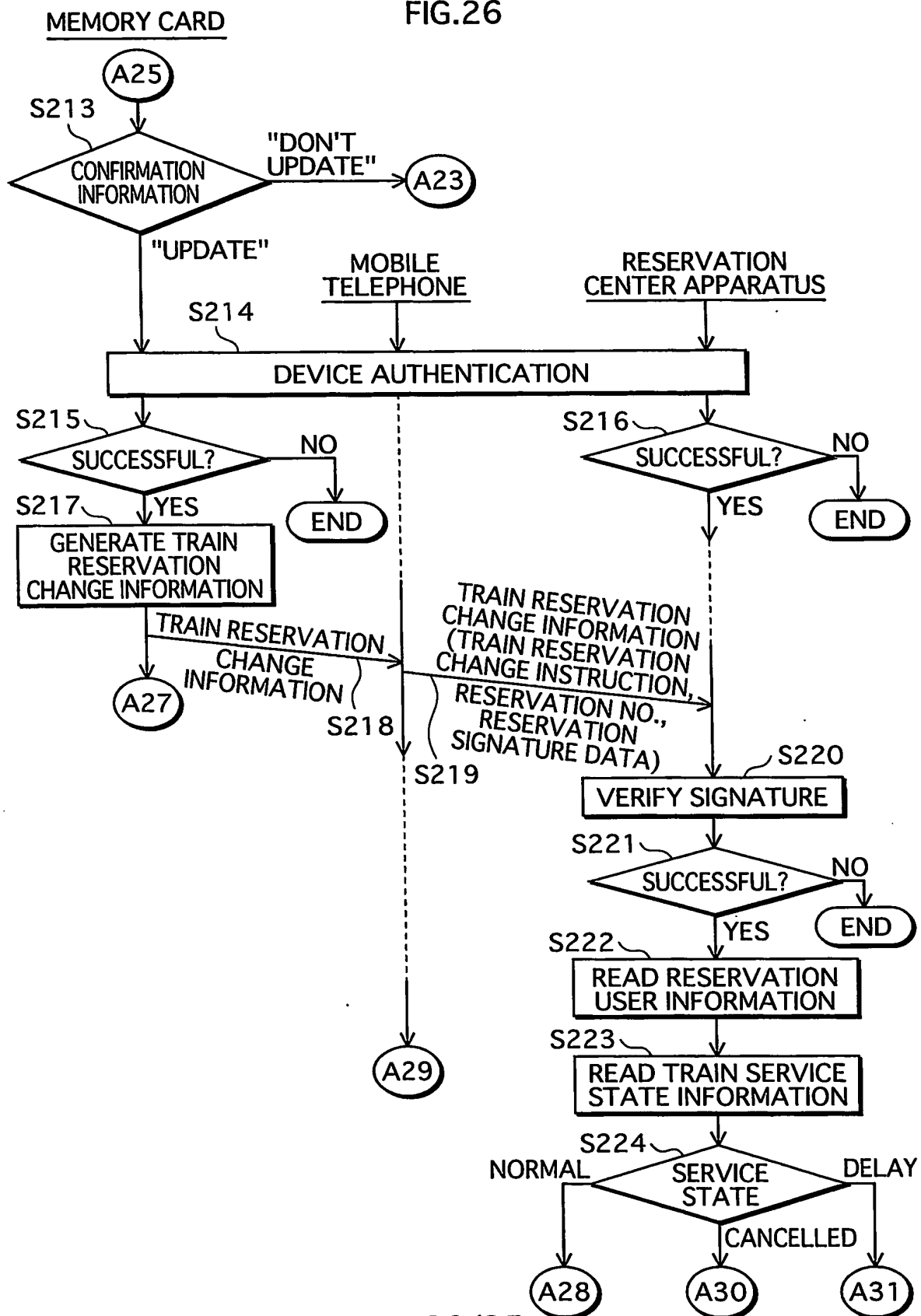


FIG.27

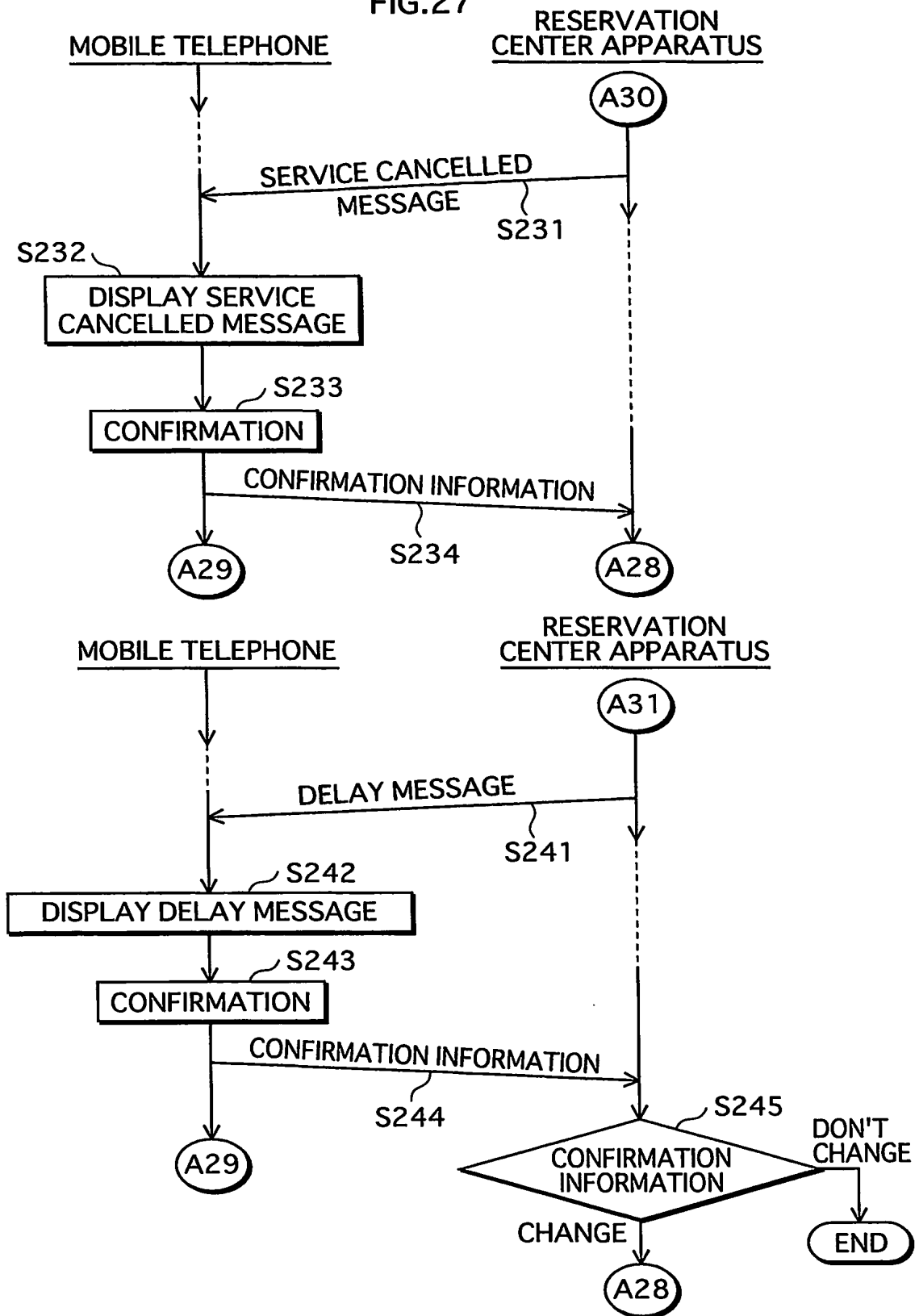


FIG.28

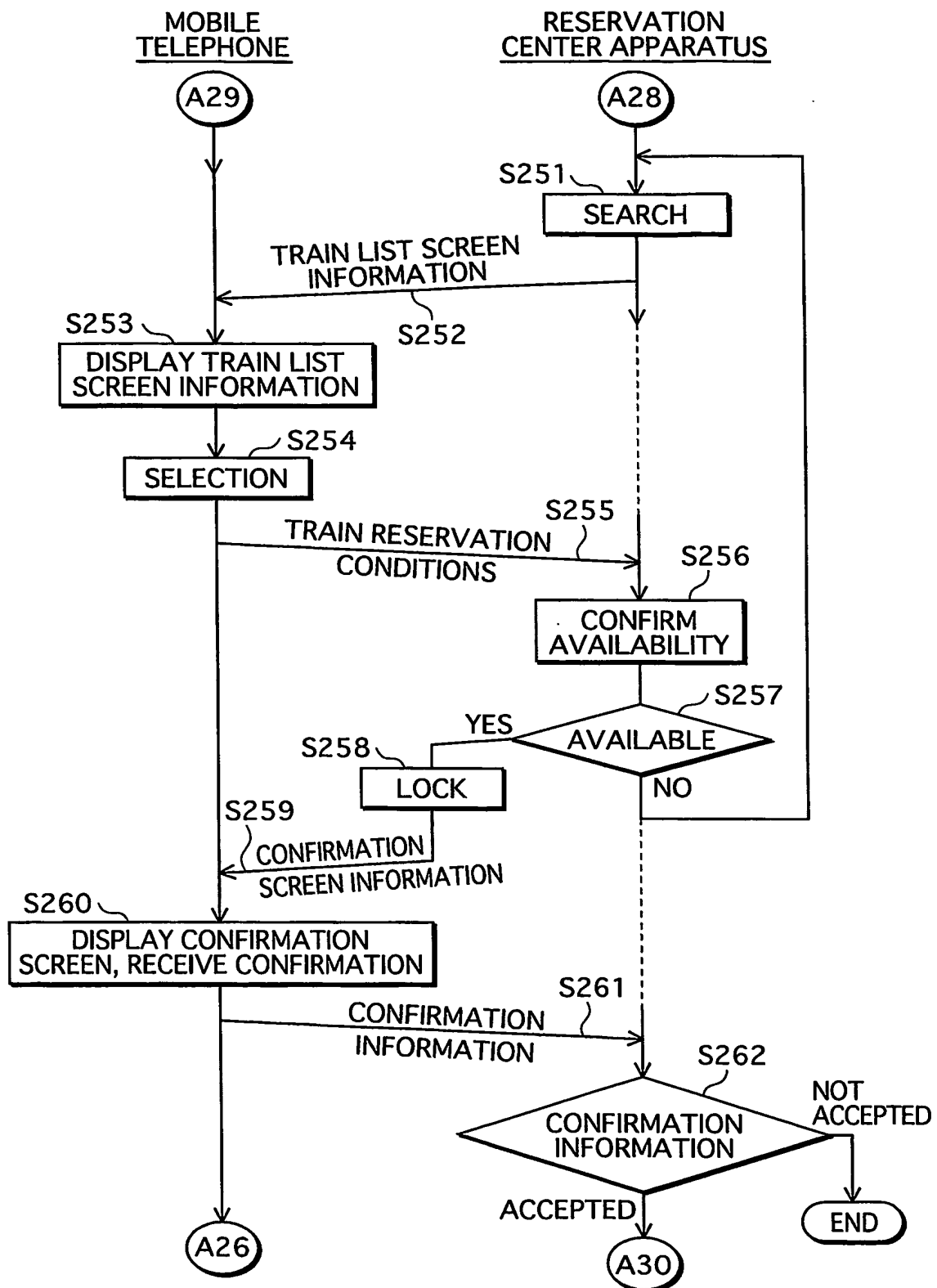


FIG.29

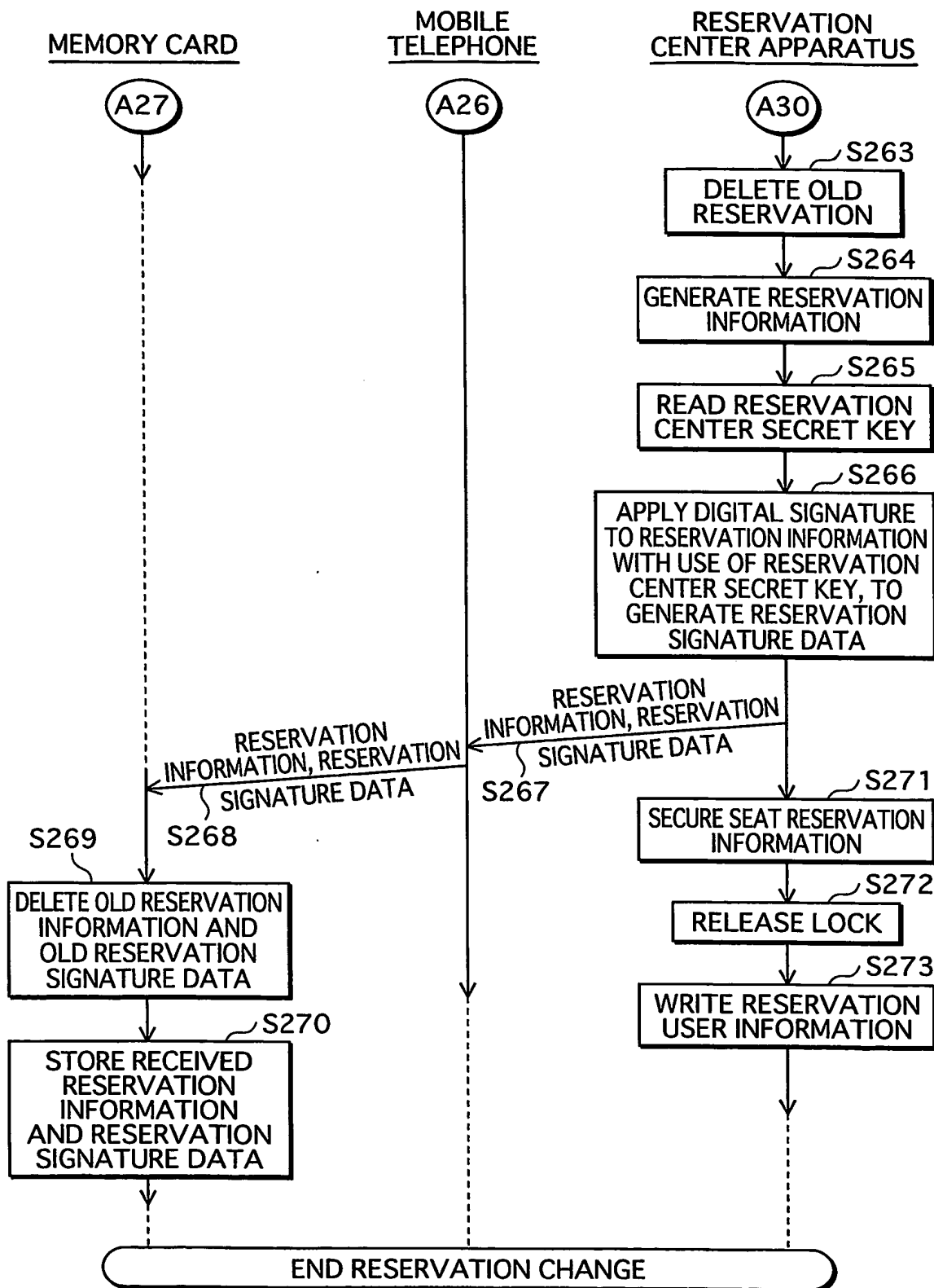


FIG.30

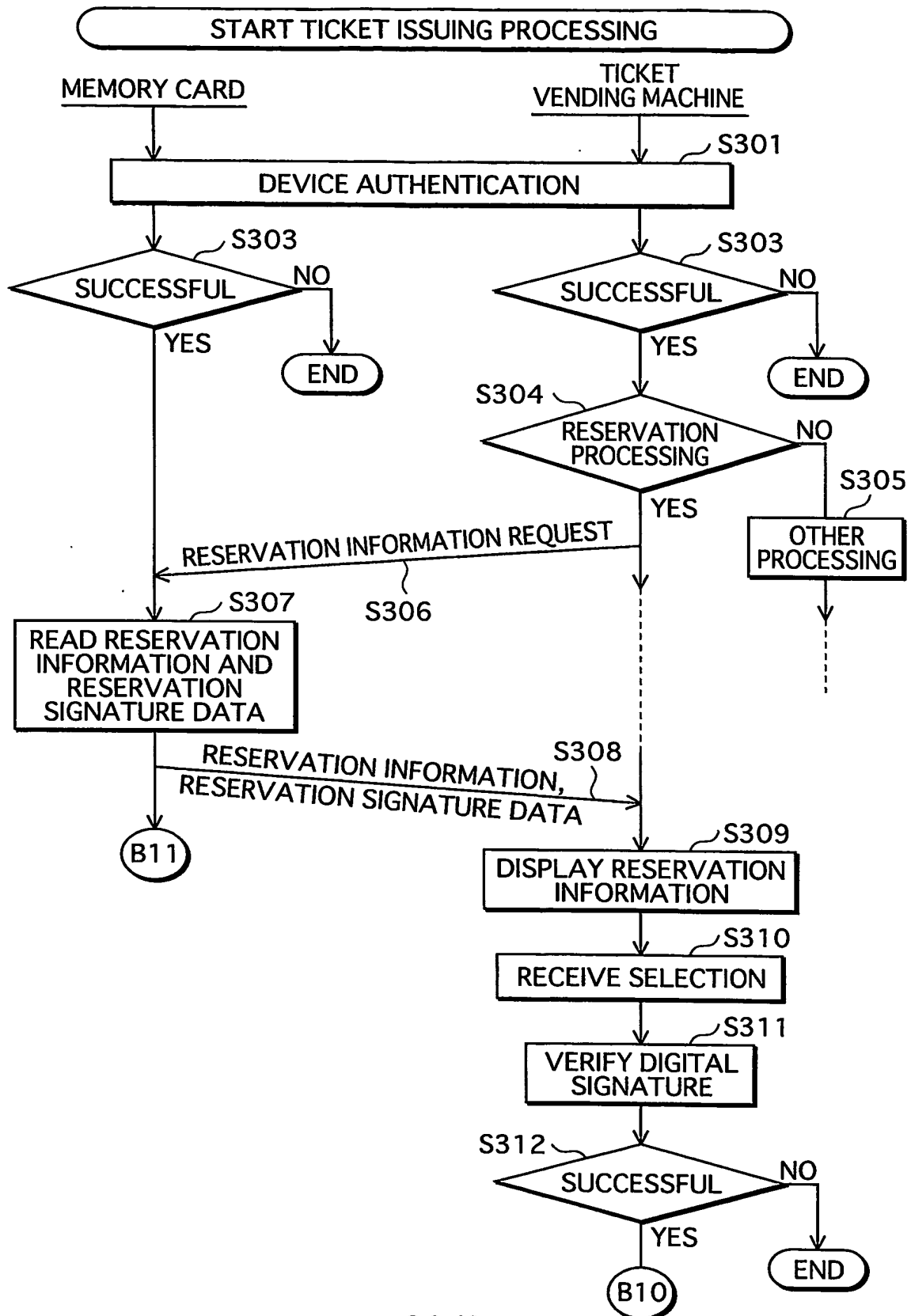


FIG.31

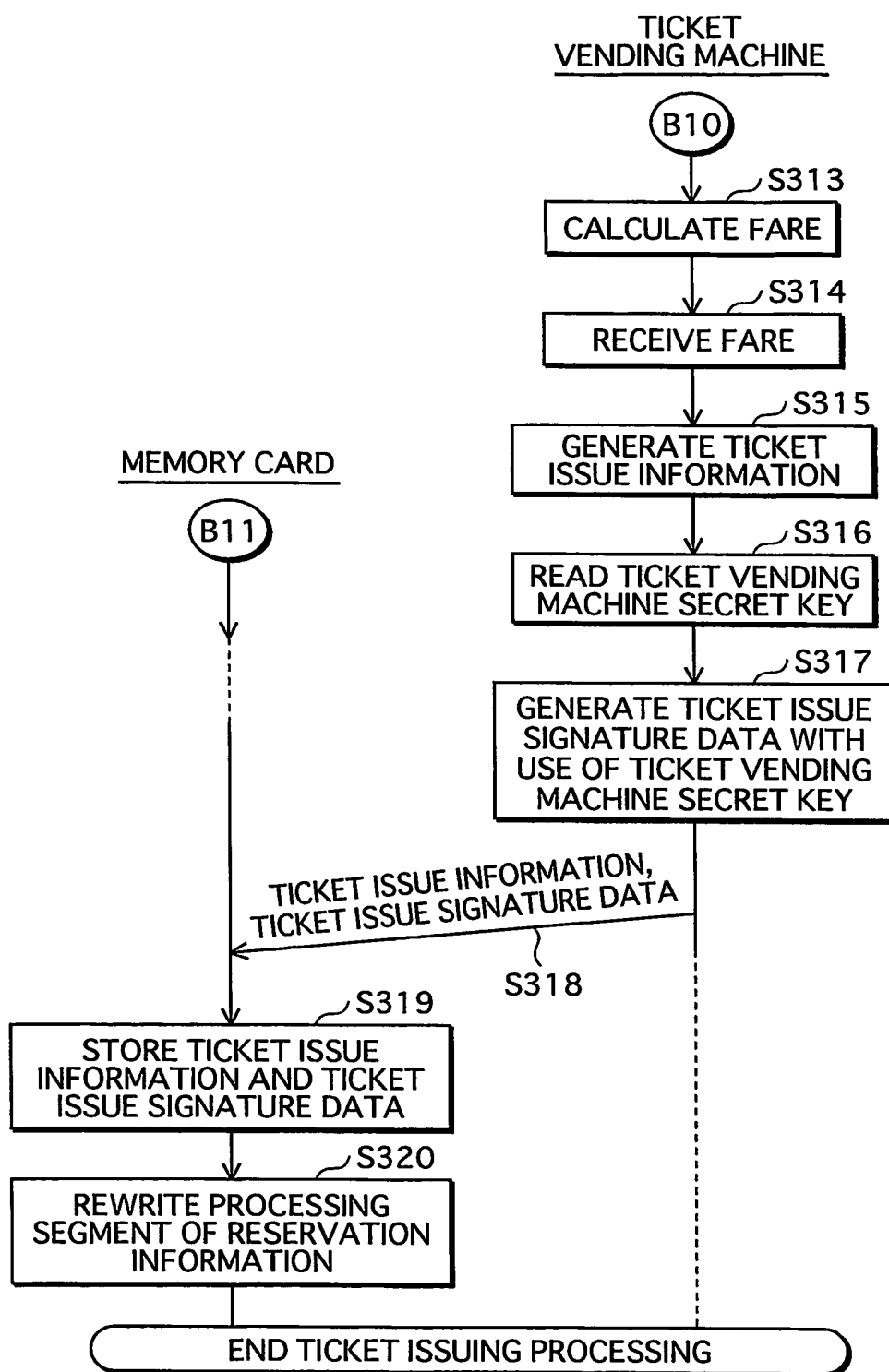


FIG.32

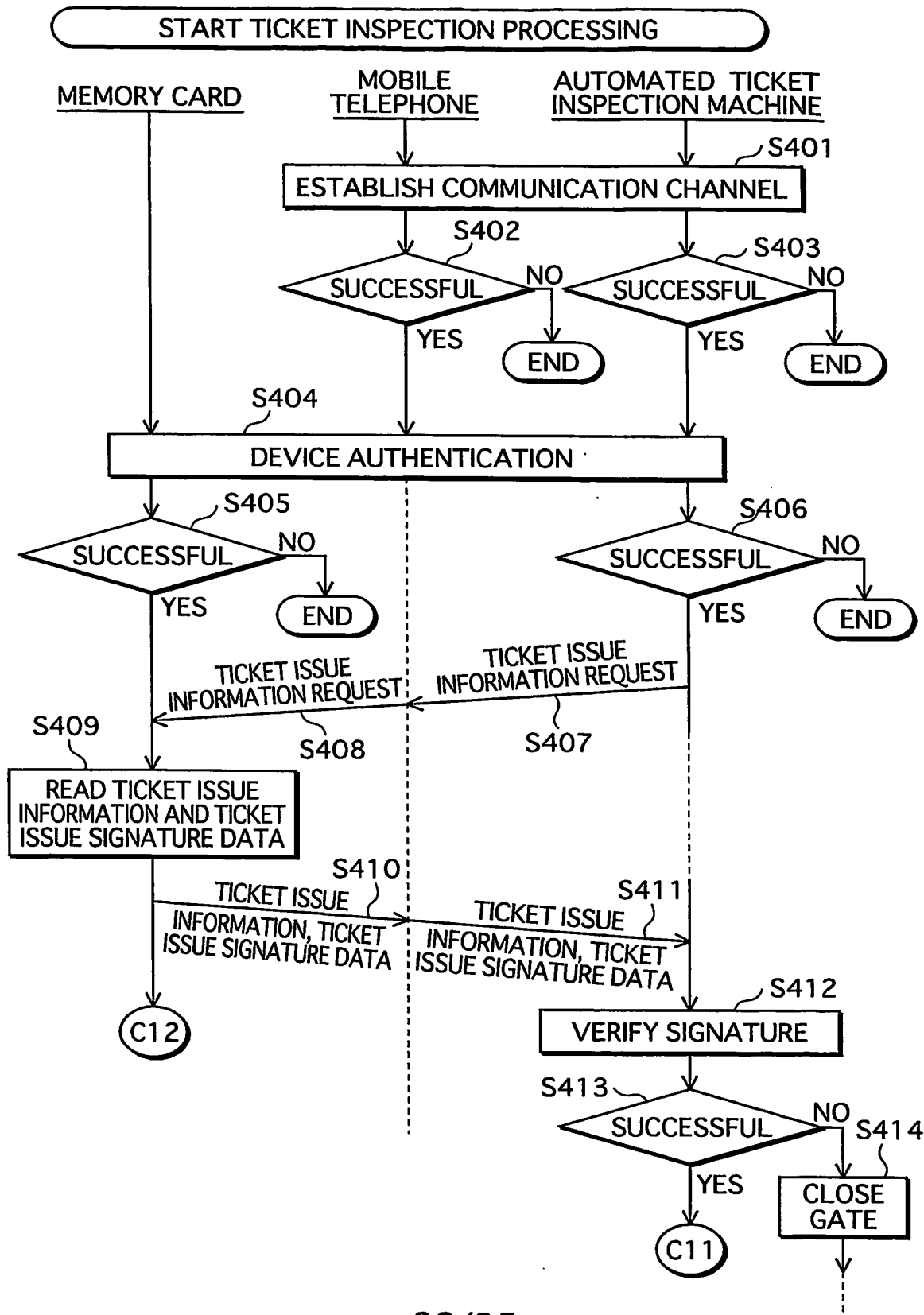


FIG.33

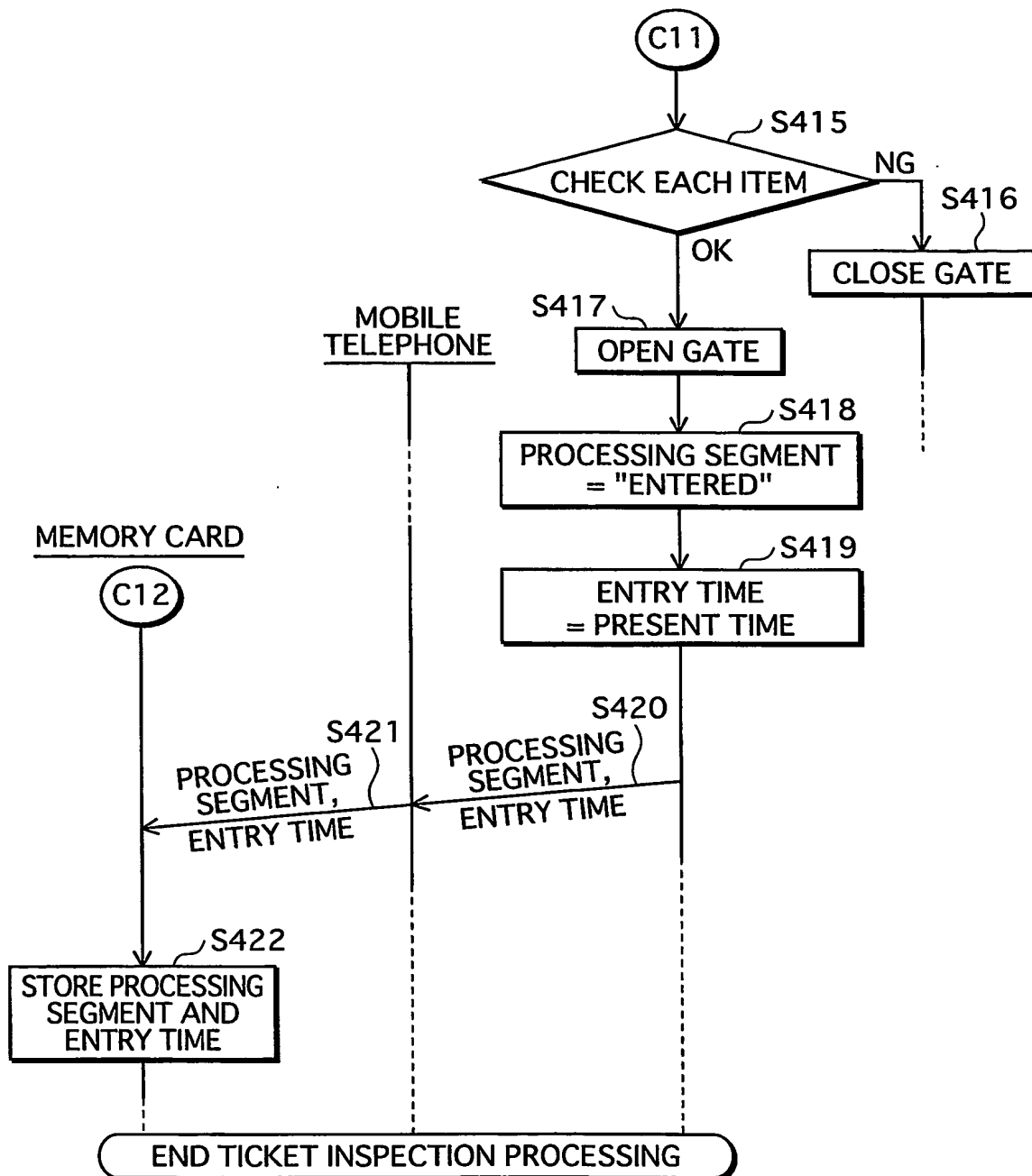


FIG. 34

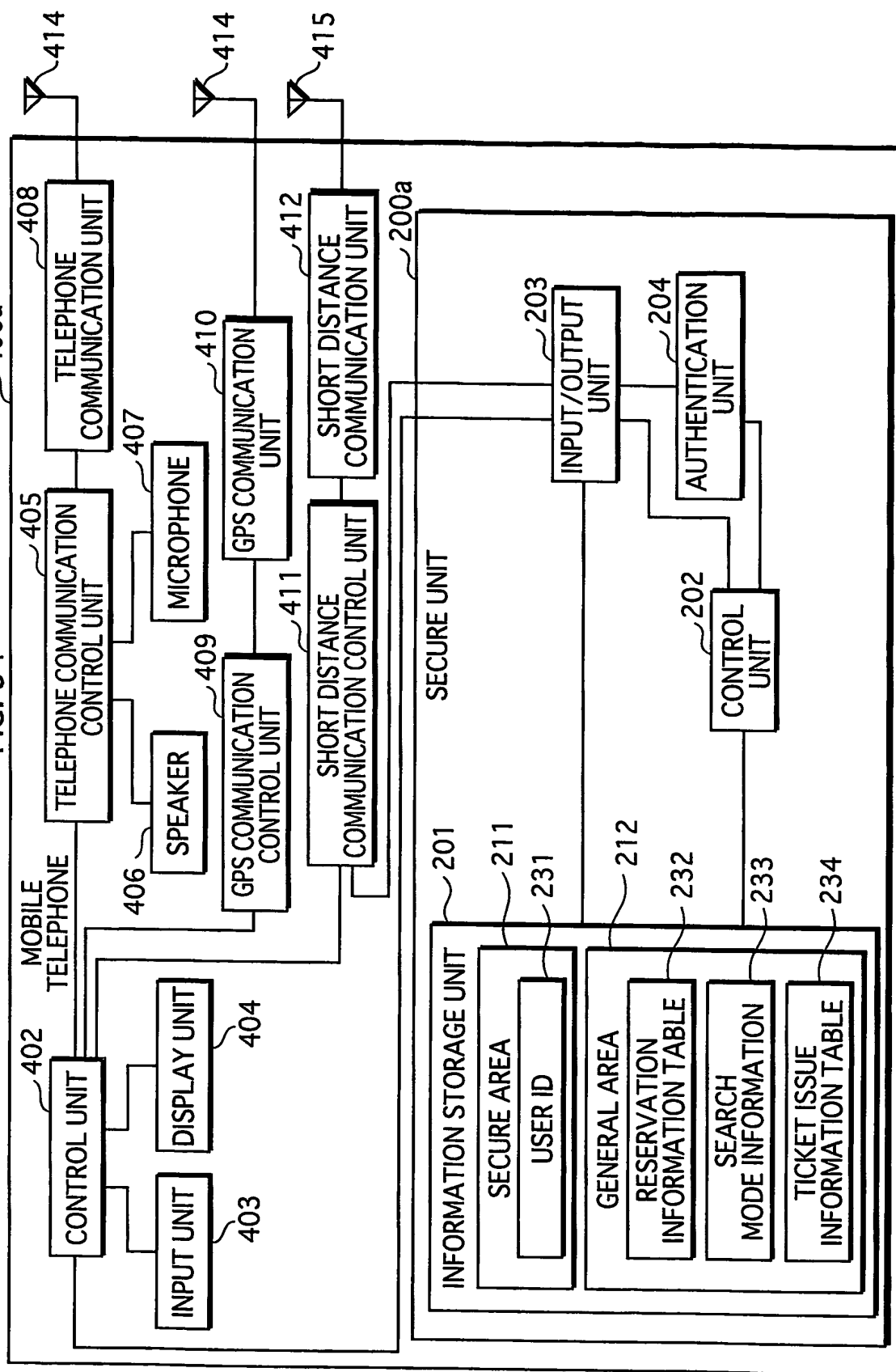


FIG. 35

